L Number	Hits	Search Text	DB	Time stamp
1	1364	375/232-233.ccls.	USPAT;	2004/04/21 09:58
1			US-PGPUB;	
İ	ľ		ЕРО; ЈРО;	
			DERWENT	
2	26	375/232-233.ccls. and ((calculat\$3 or determin\$3 or compensat\$3) adj2	USPAT;	2004/04/21 09:59
-		(frequency or carrier) adj2 offset\$1)	US-PGPUB;	
		(4-4)	ЕРО; ЛРО;	
			DERWENT	
3	12	(375/232-233.ccls. and ((calculat\$3 or determin\$3 or compensat\$3) adj2	USPAT;	2004/04/21 09:59
,		(frequency or carrier) adj2 offset\$1)) and training adj (symbol\$1 or	US-PGPUB;	
1		sequence\$1 or pattern\$1)	ЕРО; ЈРО;	
			DERWENT	
4	9	((375/232-233.ccls. and ((calculat\$3 or determin\$3 or compensat\$3)	USPAT;	2004/04/21 10:00
"		adj2 (frequency or carrier) adj2 offset\$1)) and training adj (symbol\$1 or	US-PGPUB;	
		sequence\$1 or pattern\$1)) and @ad<=20010111	ЕРО; ЈРО;	
		sequences of parising ty,	DERWENT	
5	7327	375/340-350.ccls.	USPAT;	2004/04/21 09:59
,	1321	57575-10-550.eext.	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT	
	26	(375/232-233.ccls. and ((calculat\$3 or determin\$3 or compensat\$3) adj2	USPAT;	2004/04/21 09:59
6	. 20	(frequency or carrier) adj2 offset\$1)) and ((calculat\$3 or determin\$3 or	US-PGPUB,	
		compensat\$3) adj2 (frequency or carrier) adj2 offset\$1)	ЕРО; ЛРО;	
		compensation) adjz (frequency of current) adjz officers	DERWENT	
_	100	375/340-350.ccls. and ((calculat\$3 or determin\$3 or compensat\$3) adj2	USPAT;	2004/04/21 09:59
7	189	(frequency or carrier) adj2 offset\$1)	US-PGPUB;	
		(frequency of carrier) adjz offsets)	EPO; JPO;	
			DERWENT	
		(375/340-350.ccls. and ((calculat\$3 or determin\$3 or compensat\$3) adj2	USPAT;	2004/04/21 09:59
8	44	((3/5/340-350.ccis. and ((calculats)) of determines of compensates) adj2 (frequency or carrier) adj2 offset\$1)) and training adj (symbol\$1 or	US-PGPUB;	
			ЕРО; ЛРО;	
		sequence\$1 or pattern\$1)	DERWENT	
	_	1// 11.422 and determine 2 or company of \$3)	USPAT;	2004/04/21 10:00
10	0	(((375/340-350.ccls. and ((calculat\$3 or determin\$3 or compensat\$3)	US-PGPUB;	200 0 21 11
		adj2 (frequency or carrier) adj2 offset\$1)) and training adj (symbol\$1 or	EPO; JPO;	
		sequence\$1 or pattern\$1)) and @ad<=20010111) and (all adj2 pass)	DERWENT	
		1 (1 1 th2 - latermin 62 or component 63)	USPAT:	2004/04/21 10:00
9	33	((375/340-350.ccls. and ((calculat\$3 or determin\$3 or compensat\$3)	US-PGPUB;	200 110 1121 1010
i		adj2 (frequency or carrier) adj2 offset\$1)) and training adj (symbol\$1 or	EPO; JPO;	
		sequence\$1 or pattern\$1)) and @ad<=20010111	DERWENT	1
ļ			USPAT;	2004/04/19 12:22
-	1279	375/346.ccls.	US-PGPUB;	2004/04/15 12:22
	1		EPO; JPO;	
			DERWENT	
				2004/04/09 13:44
-	878	375/346.ccls. and frequency affset with estimat\$3	USPAT;	2004/04/07 13.4
			US-PGPUB;	
ļ	1		EPO; JPO;	
		77 (1) (2) (1)	DERWENT	2004/04/00 13:39
-	16	(375/346.ccls. and frequency affset with estimat\$3) and (compar\$3 with	USPAT;	2004/04/09 13:3
		section)	US-PGPUB;	
	ĺ		ЕРО; ЈРО;	
			DERWENT	2004/04/00 12:4
-	12	2 ((375/346.ccls. and frequency affset with estimat\$3) and (compar\$3	USPAT;	2004/04/09 13:4
		with section)) and @ad<=20000111	US-PGPUB;	
	1		EPO; JPO;	
	[DERWENT	
_		((375/346.ccls. and frequency adj offset with estimat\$3) and (compar\$3	USPAT;	2004/04/09 13:4
	1	with section)) and @ad<=20000111	US-PGPUB;	
		, ,	ЕРО; ЈРО;	
	1		DERWENT	

-	34	375/346.ccls. and (frequency adj offset) with estimat\$3	USPAT; US-PGPUB;	2004/04/09 13:45
			EPO; JPO; DERWENT	
	0	((375/346.ccls. and (frequency adj offset) with estimat\$3) and	USPAT;	2004/04/09 13:46
		(compar\$3 with section)) and @ad<=20000111	US-PGPUB;	
			EPO; JPO; DERWENT	
-	0	(375/346.ccls. and (frequency adj offset) with estimat\$3) and	USPAT;	2004/04/09 13:47
		(compar\$3 with section) and @ad<=20000111	US-PGPUB;	
			EPO; JPO; DERWENT	
-	34	(375/346.ccls. and (frequency adj offset) with estimat\$3)	USPAT;	2004/04/09 14:54
			US-PGPUB;	
			EPO; JPO; DERWENT	
-	8	((375/346.ccls. and (frequency adj offset) with estimat\$3)) and	USPAT;	2004/04/09 14:55
		(training adj sequence\$1)	US-PGPUB; EPO; JPO;	
			DERWENT	
-	4	(((375/346.ccls. and (frequency adj offset) with estimat\$3)) and (training adj sequence\$1)) and @ad<=20000111	USPAT; US-PGPUB;	2004/04/09 14:55
		(training auf sequences)) and (waux-20000111	EPO; JPO;	. 8
			DERWENT	
-	3	(frequency adj offset) with (square near absolute adj value)	USPAT; US-PGPUB;	2004/04/19 12:25
			EPO; JPO;	
	42	375/295.ccls. and (frequency adj offset)	DERWENT USPAT;	2004/04/19 12:26
_	72	375/255.ccis. and (frequency adj offset)	US-PGPUB;	2004/04/17 12:20
			ЕРО; ЛРО;	
_	0	(375/295.ccls. and (frequency adj offset)) and (impuse adj response)	DERWENT USPAT;	2004/04/19 12:26
	J	(US-PGPUB;	
			EPO; JPO; DERWENT	
-	4	((375/295.ccls. and (frequency adj offset)) and (impulse adj response))	USPAT;	2004/04/19 12:27
		and @ad<=20000111	US-PGPUB;	
			EPO; JPO; DERWENT	
-	13	(375/295.ccls. and (frequency adj offset)) and (impulse adj response)	USPAT;	2004/04/19 12:38
			US-PGPUB; EPO; JPO;	
			DERWENT	
-	7689	frequency adj offset	USPAT; US-PGPUB;	2004/04/19 12:38
			EPO; JPO;	
	507	(6	DERWENT	2004/04/10 12 20
-	507	(frequency adj offset) and (training adj (pattern\$1 or sequence\$1 or symbol\$1))	USPAT; US-PGPUB;	2004/04/19 12:39
		-,	ЕРО; ЛРО;	
_	266	((frequency adj offset) and (training adj (pattern\$1 or sequence\$1 or	DERWENT USPAT;	2004/04/19 12:40
	200	symbol\$1))) and @ad<=20000111	US-PGPUB;	2007/07/19 12.40
			EPO; JPO;	
-	128	((((frequency adj offset) and (training adj (pattern\$1 or sequence\$1 or	DERWENT USPAT;	2004/04/19 12:52
		symbol\$1))) and @ad<=20000111) and (impulse adj response)	US-PGPUB;	
			EPO; JPO; DERWENT	
	L		PERMENT	l

			TIODAT:	2004/04/19 12:53
-	36	((((frequency adj offset) and (training adj (pattern\$1 or sequence\$1 or	USPAT; US-PGPUB;	2004/04/19 12.55
		symbol\$1))) and @ad<=20000111) and (impulse adj response)) and	EPO; JPO;	
		(absolute sdj vslue)	DERWENT	
		((((frequency adj offset) and (training adj (pattern\$1 or sequence\$1 or		2004/04/19 12:54
-	122	((((trequency adj offset) and (training adj (patterns) of sequences) of symbol\$1))) and @ad<=20000111) and (impulse adj response)) and	US-PGPUB;	
		((absolute sdj value) or magnitue)	EPO; JPO;	
		((absolute saj value) of magnitue)	DERWENT	
	22	((((frequency adj offset) and (training adj (pattern\$1 or sequence\$1 or	USPAT;	2004/04/19 12:54
-	22	symbol\$1))) and @ad<=20000111) and (impulse adj response)) and	US-PGPUB;	
	1	((absolute adj value) or magnitue)	EPO; JPO;	
	1	((absolute adj varde) of magnitude)	DERWENT	
	99	((((frequency adj offset) and (training adj (pattern\$1 or sequence\$1 or	USPAT;	2004/04/19 12:54
•	1 "1	symbol\$1))) and @ad<=20000111) and (impulse adj response)) and	US-PGPUB;	
	1	((absolute adj value) or magnitude)	ЕРО; ЈРО;	
			DERWENT	
_	1242123	(((((frequency adj offset) and (training adj (pattern\$1 or sequence\$1 or	USPAT;	2004/04/19 12:54
	12.2.2.	symbol\$1))) and @ad<=20000111) and (impulse adj response)) and	US-PGPUB;	
		((absolute adj value) or magnitude)) filter\$1	ЕРО; ЛРО;	
			DERWENT	2004/04/19 12:55
_	1242768	13and filter\$1	USPAT;	2004/04/19 12:55
		and the second second second	US-PGPUB;	*
			ЕРО; ЛРО;	
			DERWENT	2004/04/19 12:56
-	98	(((((frequency adj offset) and (training adj (pattern\$1 or sequence\$1 or	USPAT; US-PGPUB;	2004/04/17 12:50
		symbol\$1))) and @ad<=20000111) and (impulse adj response)) and	EPO; JPO;	
	Ĭ	((absolute adj value) or magnitude)) and filter\$1	DERWENT	
	Ì	1 / water \$1 or acqueres\$1 or	USPAT;	2004/04/19 13:03
-	5	((((((frequency adj offset) and (training adj (pattern\$1 or sequence\$1 or	US-PGPUB;	200
		symbol\$1))) and @ad<=20000111) and (impulse adj response)) and	ЕРО; ЛРО;	
		((absolute adj value) or magnitude)) and filter\$1) and angular	DERWENT	
		1: or 4	USPAT;	2004/04/19 13:07
-	7689	frequency adj offset	US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT	
		6393068.pn. 5245611.pn. 5537443.pn. 6542560.pn.	USPAT;	2004/04/19 15:14
-	8	0393008.pii. 3243011.pii. 3337 + 13.pii. 33 1243011.pii.	US-PGPUB;	·
			EPO; JPO;	
			DERWENT	
	7689	frequency adj offset	USPAT;	2004/04/19 15:15
1-	7007	sequency and	US-PGPUB;	
	j		ЕРО; ЛРО;	
			DERWENT	2004/04/10 15:15
_	358	(frequency adj offset) and ((impulse adj response with channel))	USPAT;	2004/04/19 15:15
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT	2004/04/19 15:15
<u>-</u>	358	(frequency adj offset) and ((impulse adj response) with channel)	USPAT; US-PGPUB;	2004/04/19 15.15
			ЕРО; ЛРО;	
			DERWENT	
	1	A SALAL WAY	USPAT;	2004/04/19 15:17
-	14458	((frequency adj offset) and ((impulse adj response) with channel)) and	US-PGPUB;	
	1	(training adj (sequence\$1 or pattern\$1)) (terminat\$3 adj (symbol\$1 or	ЕРО; ЛРО;	
		sequence\$1)) tailbit\$1	DERWENT	
		1: 65-4) and ((impulse adi response) with channel)) and	USPAT;	2004/04/19 15:17
-	97	((frequency adj offset) and ((impulse adj response) with channel)) and ((training adj (sequence\$1 or pattern\$1)) (terminat\$3 adj (symbol\$1 or	US-PGPUB;	
		((training adj (sequences) or patterns)) (terminates adj (symbols) or	EPO; JPO;	
		sequence\$1)) tailbit\$1)	DERWENT	
1	ł		DERVIENT	

		_		
	0	(((frequency adj offset) and ((impulse adj response) with channel)) and	USPAT;	2004/04/19 15:19
	- 1	((training adj (sequence\$1 or pattern\$1)) (terminat\$3 adj (symbol\$1 or	US-PGPUB,	
		sequence\$1)) tailbit\$1)) and absolute adj value with ((pulse adj	ЕРО; ЛРО;	
		response) or (square with voltage))	DERWENT	
_	12	(((frequency adj offset) and ((impulse adj response) with channel)) and	USPAT;	2004/04/19 15:19
-		((training adj (sequence\$1 or pattern\$1)) (terminat\$3 adj (symbol\$1 or	US-PGPUB;	
		sequence\$1)) tailbit\$1)) and absolute adj value	ЕРО; ЛРО;	
		sequence(1)) unition(1)) und absolute day variation	DERWENT	
	9	((((frequency adj offset) and ((impulse adj response) with channel)) and	USPAT;	2004/04/19 15:30
-	,	(((training adj (sequence\$1 or pattern\$1)) (terminat\$3 adj (symbol\$1 or	US-PGPUB;	
		sequence\$1)) tailbit\$1)) and absolute adj value) and @ad<=20000111	ЕРО; ЛРО;	
		Sequences ()) and absolute adj value) and about 1	DERWENT	
ļ	56	frequency adj offset and (reduc\$3 with (impulse adj response))	USPAT;	2004/04/19 15:31
•	50	nequency and offset and (reduces with (impulse and response))	US-PGPUB;	
			EPO; JPO;	
			DERWENT	
	10	(frequency adj offset and (reduc\$3 with (impulse adj response))) and	USPAT;	2004/04/19 15:32
-	10	training adj sequence\$1	US-PGPUB;	200 110 11 15 15.52
i		training adj sequences i	EPO; JPO;	
			DERWENT	
	_	((C) 1: (C-+ 1 (d) 02 with (immulae adi ragnonga))) and	USPAT;	2004/04/19 15:35
-	5	((frequency adj offset and (reduc\$3 with (impulse adj response))) and	US-PGPUB;	2004/04/17 15.55
		training adj sequence\$1) and @ad<=20000111	EPO; JPO;	
'			DERWENT	
		1 00 111 1 11	USPAT;	2004/04/19 15:36
-	21	reduc\$3 adj impulse adj response	· ·	2004/04/19 15.50
			US-PGPUB; EPO; JPO;	
			DERWENT	
		1		2004/04/19 15:36
-	0	(reduc\$3 adj impulse adj response) and frequency adj offset adj	USPAT;	2004/04/19 13.30
		(determin\$3 or compensat\$3)	US-PGPUB;	
			ЕРО; ЛРО;	
		16	DERWENT	2004/04/19 15:44
-	0	(reduc\$3 adj impulse adj response) and frequency adj offset	USPAT;	2004/04/19 13:44
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	2004/04/19 15:37
-	70	reduc\$3 near (impulse adj response)	USPAT;	2004/04/19 13.37
			US-PGPUB;	
		•	ЕРО; ЛРО;	
		1	DERWENT	2004/04/10 15:46
•	1	(reduc\$3 near (impulse adj response)) and frequency adj offset	USPAT;	2004/04/19 15:46
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	2004/04/10 15:46
-	8161	(frequency or carrier) adj offset	USPAT;	2004/04/19 15:46
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	0004/04/10 15:47
-	309	((frequency or carrier) adj offset) and compar\$3 adj2 first	USPAT;	2004/04/19 15:47
	1		US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT	2004/04/10 15 50
-	26		USPAT;	2004/04/19 15:50
		adj sequence\$1	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT	
-	8		USPAT;	2004/04/19 15:50
		adj sequence\$1) and impulse adj response	US-PGPUB;	
			ЕРО; ЈРО;	
	1		DERWENT	1

-	4	(((((frequency or carrier) adj offset) and compar\$3 adj2 first) and	USPAT;	2004/04/19 15:50
		train\$3 adj sequence\$1) and impulse adj response) and	US-PGPUB;	
		@ad<=20000111	ЕРО; ЛРО;	
			DERWENT	
-	24839	gsm or edge and (impulse with length)	USPAT;	2004/04/20 08:44
			US-PGPUB;	
			ЕРО, ЛРО,	
	i		DERWENT	
	24106	gsm or edge and ((shorten\$3 or reduc\$3) adj2 impulse with length)	USPAT;	2004/04/20 08:45
			US-PGPUB;	
			EPO; JPO;	
			DERWENT	
	24097	gsm or edge and ((shorten\$3 or reduc\$3) adj2 impulse adj length)	USPAT;	2004/04/20 08:46
*	24057	gsin of edge and ((shortengs of reduces) adj2 impulse adj tengui)	US-PGPUB;	2004/04/20 08.40
			ЕРО; ЛРО;	
	600	1 1//-1 4 02 - 1 02 12 1 - 12 1 - 12 1 - 12 1	DERWENT	2004/04/20 00:46
-	690	(gsm or edge and ((shorten\$3 or reduc\$3) adj2 impulse adj length)) and	USPAT;	2004/04/20 08:46
		(training adj sequence\$1)	US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT	
-	712	(gsm or edge and ((shorten\$3 or reduc\$3) adj2 impulse adj length)) and	USPAT;	2004/04/20 08:46
		(training adj (sequence\$1 or symbol\$1))	US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT	
-	156	((gsm or edge and ((shorten\$3 or reduc\$3) adj2 impulse adj length)) and	USPAT;	2004/04/20 08:47
		(training adj (sequence\$1 or symbol\$1))) and compar\$3 with (section\$1	US-PGPUB;	
		or sequence\$1 or symbol\$1)	ЕРО; ЛРО;	
		-	DERWENT	
_	79	(((gsm or edge and ((shorten\$3 or reduc\$3) adj2 impulse adj length))	USPAT;	2004/04/20 08:48
	'	and (training adj (sequence\$1 or symbol\$1))) and compar\$3 with	US-PGPUB;	
		(section\$1 or sequence\$1 or symbol\$1)) and @ad<=20000111	ЕРО; ЛРО;	
İ		(Sectionary of Sequence of Symbol 1) and (Suc - 20000111	DERWENT	
	10	(((((gsm or edge and ((shorten\$3 or reduc\$3) adj2 impulse adj length))	USPAT;	2004/04/20 08:49
-	10	and (training adj (sequence\$1 or symbol\$1))) and compar\$3 with	US-PGPUB;	200 1/0 1/20 00:15
		(section\$1 or sequence\$1 or symbol\$1)) and @ad<=20000111) and	EPO; JPO;	
		((absolute adj value) or magnitude)) and frequency adj offset	DERWENT	
	10	(((((gsm or edge and ((shorten\$3 or reduc\$3) adj2 impulse adj length))	USPAT;	2004/04/20 08:49
-	10		US-PGPUB;	2004/04/20 08.49
		and (training adj (sequence\$1 or symbol\$1))) and compar\$3 with		
		(section\$1 or sequence\$1 or symbol\$1)) and @ad<=20000111) and	ЕРО; ЛРО;	
	• •	((absolute adj value) or magnitude)) and frequency adj offset\$1	DERWENT	2004/04/20 00 40
-	10		USPAT;	2004/04/20 08:49
		and (training adj (sequence\$1 or symbol\$1))) and compar\$3 with	US-PGPUB;	
		(section\$1 or sequence\$1 or symbol\$1)) and @ad<=20000111) and	ЕРО; ЈРО;	
		((absolute adj value) or magnitude)) and (frequency or carrier) adj2	DERWENT	
		offset\$1	TAND : T	0004/04/00 00 15
-	8	("4293818" "4491155" "5283815" "5465271" "5499273"	USPAT	2004/04/20 09:18
		"5504784" "5588026" "6028894").PN.		
-	34	((((gsm or edge and ((shorten\$3 or reduc\$3) adj2 impulse adj length))	USPAT;	2004/04/20 10:30
		and (training adj (sequence\$1 or symbol\$1))) and compar\$3 with	US-PGPUB;	
		(section\$1 or sequence\$1 or symbol\$1)) and @ad<=20000111) and	ЕРО; ЈРО;	
		((absolute adj value) or magnitude)	DERWENT	
-	6	5537443.pn. 5245611.pn. 6393068.pn.	USPAT;	2004/04/20 11:21
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT	
-	8209	frequency adj offset\$1	USPAT;	2004/04/20 10:37
			US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT	
.	72	(frequency adj offset\$1) and (channel adj estimat\$3 and (filter with	USPAT;	2004/04/20 10:39
-	1	coefficient\$1) and (phase with detect\$3))	US-PGPUB;	230 110 1120 10.37
		oochielenty and (phase with delevios))	EPO; JPO;	
			DERWENT	
L	I	<u> </u>	DENTIFIE	L



-	19	((frequency adj offset\$1) and (channel adj estimat\$3 and (filter with	USPAT;	2004/04/20 10:40
		coefficient\$1) and (phase with detect\$3))) and training adj (symbol\$1 or	US-PGPUB;	
		sequence\$1 or pattern\$1 or bit\$1)	ЕРО; ЛРО;	
			DERWENT	
-	7	(((frequency adj offset\$1) and (channel adj estimat\$3 and (filter with	USPAT;	2004/04/20 10:40
		coefficient\$1) and (phase with detect\$3))) and training adj (symbol\$1 or	US-PGPUB;	
		sequence\$1 or pattern\$1 or bit\$1)) and @ad<=20000111	ЕРО; ЛРО;	
			DERWENT	
	5	("5005188" "5081651" "5263052" "5285480" "5291523").PN.	USPAT	2004/04/20 11:00
	7655	frequency adj offset	USPAT;	2004/04/20 11:21
			US-PGPUB,	
			ЕРО; ЛРО;	
			DERWENT	
•	60	(frequency adj offset) and (reduc\$3 or shorten\$3) with (impulse adj	USPAT;	2004/04/20 11:32
		response)	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT	
•	8	(frequency adj offset) and (reduc\$3 or shorten\$3) adj2 (impulse adj	USPAT;	2004/04/20 11:28
		response)	US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT	
	41	((frequency adj offset) and (reduc\$3 or shorten\$3) with (impulse adj	USPAT;	2004/04/20 11:37
	1	response)) and @ad<=20000111	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT	
	18	(digital adj communication\$1) and ((reduc\$3 or shorten\$3) adj (impulse	USPAT;	2004/04/20 11:39
		adj response))	US-PGPUB;	
	1		ЕРО; ЛРО;	
			DERWENT	
•	10	((digital adj communication\$1) and ((reduc\$3 or shorten\$3) adj	USPAT;	2004/04/20 11:40
		(impulse adj response))) and @ad<=20000111	US-PGPUB;	
			ЕРО; ЛРО;	
			DERWENT	
-	5	(US-6678318-\$ or US-6631175-\$ or US-6512789-\$ or US-6038269-\$ or	USPAT	2004/04/20 11:46
		US-5483552-\$).did.		
-	2	((US-6678318-\$ or US-6631175-\$ or US-6512789-\$ or US-6038269-\$	USPAT	2004/04/20 15:39
		or US-5483552-\$).did.) and ((absolute adj value) magnitude)		
•	4	("5285474" "5521908" "6035000" "6097763").PN.	USPAT	2004/04/20 15:11
•	0	(impulse adj response adj shorten\$3) and (all adj2 pass adj filter\$3)	USPAT	2004/04/20 15:40
	28	impulse adj response adj shorten\$3	USPAT	2004/04/20 15:40
-	13	(impulse adj response adj shorten\$3) and pass adj2 filter	USPAT	2004/04/20 15:40